

ABSTRACT

A portable device that allows the user to access the Internet and World Wide Web includes a modem that connects wirelessly to the Internet. A host computer that runs a browser takes information received from the Internet and renders it onto a virtual display in its memory. This information is directed to a software which reduces the color depth of the information to a lower depth color image. This reduced image is then compressed by another software and sent to the portable device for displaying to the user. Thus, the user views a bit map or raster image of a Web page.